

INSTALLATION & MAINTENANCE MANUAL

**LEDFA9**

## GENERAL INSTRUCTIONS

**These instructions should be read carefully and retained after installation by the end user for future reference and maintenance.**

**These instructions should be used to aid installation of the following product:**

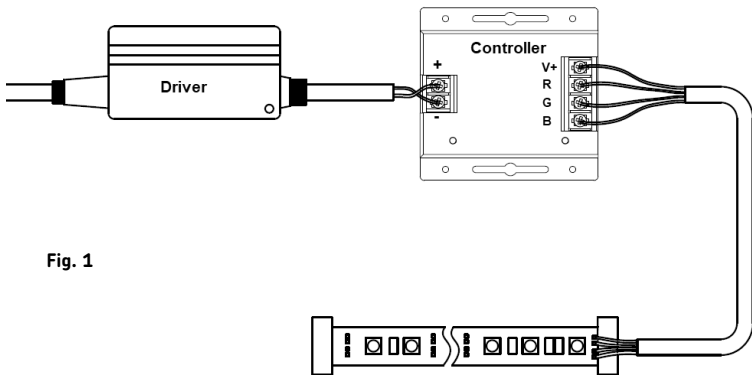
**LEDFRA9**

## SAFETY

- This product must be installed in accordance with the latest edition of the IEE Wiring Regulations (BS7671) and current Building Regulations. If in any doubt, consult a qualified electrician
- Please isolate mains prior to installation or maintenance
- Check the total load on the circuit (including when this product is fitted) does not exceed the rating of the circuit cable, fuse, or circuit breaker
- Please note the IP (Ingress Protection) rating of this product when deciding the location for installation
- Do not overload this accessory or subject it to conditions outside its rating
- This product is Class III
- This product is IP20 rated

## INSTALLATION

- Provide power to the required point of installation
- Position controller inbetween the LED driver and LED flex
- Ensuring correct polarity is observed, connect the secondary side of the LED driver to the primary side of the LED controller [(+ Red) (- Black)] (see Fig. 1)
- Terminate the 12V or 24V LED flex to the secondary side of the controller: the positive from the LED flex to V+, Red to R, Green to G and Blue to B (see Fig. 1)



**Fig. 1**

- Ensure the LED flex does not exceed the maximum wattage of the controller  
12V change wattage to 216W  
24V change wattage to 432W
- Switch on and check for correct operation

Note – This product is able to operate at either 12V or 24V. The appropriate driver output voltage should be selected to match the input voltage requirements of the LED load



Symbol	Function
	<b>On / Off</b> Turn the connected load On or Off
	<b>Mode selection</b>
	<b>Colour wheel</b>
	<b>In Static mode, changes the brightness</b>
	<b>In Dynamic mode, changes the speed</b>
	<b>When the battery is low, this indicator will flash regularly</b>

Note – The remote requires 3 x AAA batteries (not included).

## WARNING

This product must be disconnected from the circuit if subjected to any high voltage or insulation resistance testing. Irreparable damage will occur if this instruction is not followed. .

## GENERAL

Clean with a soft dry cloth only, do not use aggressive cleaning products or solvents which may damage the product.

This product should be recycled in the correct manner when it reaches the end of its life. Check local authorities for where facilities exist.

## WARRANTY

This product has a warranty of 1 year from date of purchase. Failure to install this product in accordance with the current edition of the IEE Wiring Regulations (BS7671), improper use, or removal of the batch code will invalidate the warranty. If this product should fail within its warranty period, it should be returned to the place of purchase for a free of charge replacement. ML Accessories does not accept responsibility for any installation costs associated with the replacement product. Your statutory rights are not affected. ML Accessories reserve the right to alter product specification without prior notice.

# Knightsbridge

Manufacturers Declaration of Conformity  
For ML Accessories (Knightsbridge)  
Electrical products in accordance with CE marking

ML Accessories Ltd. Declare that all products have been designed, manufactured, and tested in accordance with the requirements of the relevant legislation

## CE marking legislation

In Accordance with the following Directives:

2014/35/EU	Low Voltage Directive
2014/30/EU	EMC Directive
2014/53/EU	Radio Equipment Directive

## Including Legislation

1907/2006	REACH
2015/863	RoHS
2021/341	ERP

## Safety Standards

Full individual declarations and specific safety standards applicable to relevant product series can be found on our website [www.mlaccessories.co.uk](http://www.mlaccessories.co.uk)

We hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The product complies with all essential requirements of the directives.



Scott Brewer  
Technical Manager



Catherine Connolly  
CEO



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This declaration becomes invalid if technical or operational modifications are introduced without ML Accessories Ltd. written consent.

# Knightsbridge

Manufacturers Declaration of Conformity  
For ML Accessories (Knightsbridge)  
Electrical products in accordance with UKCA marking

ML Accessories Ltd. declare that all products have been designed, manufactured, and tested in accordance with the requirements of the relevant legislation

## UKCA marking legislation

UK SI 2016 No. 1091	Electro Magnetic Compatibility Regulations 2016
UK SI 2016 No. 1101	The Electrical Equipment (Safety) Regulations 2016
UK SI 2012 No. 3032	Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
UK SI 2017 No. 1206	Radio Equipment regulations 2017
UK SI 2021 No. 1095	The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021

## Included Legislation

UK SI 2008 No. 2852	UK REACH
UK SI 2013 No. 3113	WEEE

## Safety Standards

Full individual declarations and specific safety standards applicable to relevant product series can be found on our website [www.mlaccessories.co.uk](http://www.mlaccessories.co.uk)

We hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The products comply with all essential requirements of the directives.



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**Supplied By:**

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